

## ATP1B2 Antibody(C-term)

Catalog_no :	AB1968
Applications :	WB, FC
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:247-276
Specificity :	This ATP1B2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 247-276 amino acids from the C-terminal region of human ATP1B2.
Dilution :	WB,1:1000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Sodium/potassium-transporting ATPase subunit beta-2, Adhesion molecule in glia, AMOG, Sodium/potassium-dependent ATPase subunit beta-2, ATP1B2
Isotype :	Rabbit Ig
Background :	The protein encoded by this gene belongs to the family of Na <sup>+</sup> /K <sup>+</sup> and H <sup>+</sup> /K <sup>+</sup> ATPases beta chain proteins, and to the subfamily of Na <sup>+</sup> /K <sup>+</sup> -ATPases. Na <sup>+</sup> /K <sup>+</sup> -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane. The glycoprotein subunit of Na <sup>+</sup> /K <sup>+</sup> -ATPase is encoded by multiple genes. This gene encodes a beta 2 subunit.
reference :	Floyd, R.V., et al. Reprod Sci 17(4):366-376(2010) Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Boer, K., et al. Brain Pathol. 20(1):234-244(2010) Tokhtaeva, E., et al. Biochemistry 48(48):11421-11431(2009) Hosgood, H.D. III, et al. Respir Med 1